

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-32 (Canceled).

Claim 33 (Currently Amended). A machine readable information storage medium embodied as a recordable optical disc for access by an optical disc drive, wherein a track is formed on the medium, said track being configured to have data recorded thereon and data reproduced therefrom by an information recording/reproducing apparatus including the optical disc drive, said data including VOB data representing video object data or still picture video object data, and control information, the information storage medium comprising:

a data area storing a plurality of ECC blocks including the VOB data, said VOB data being configured to have at least one of video object units wherein a predetermined number of sectors form each of the ECC blocks, each of the sectors has a predetermined size, and the predetermined number of said sectors relates to an ECC block address, and

a control information recording area storing the control information, the control information being configured to control or manage the VOB data and including movie file information table M\_AVFIT having a first area configured to store movie VOB stream information M\_VOB\_STI and a second area configured to store movie AV file information M\_AVFI describing information on said data area for the VOB data, said M\_AVFI including ~~one or more a movie VOB information search pointers M\_VOBI\_SRPs pointer~~ M\_VOBI\_SRPs pointer M\_VOBI\_SRP associated with ~~one or more pieces of movie VOB information M\_VOBI~~ wherein

~~each~~ said M\_VOBI includes time map information TMAPI including time map general information TMAP\_GI, one or more time entries TM\_ENTs, and one or more video object unit entries VOBU\_ENTs,

said M\_VOBI includes the time map general information TMAP\_GI containing number information VOBU\_ENT\_Ns describing a number of the one or more said VOBU\_ENTs.

each said VOBU\_ENT includes playback time information VOBU\_PB\_TM of a corresponding video object unit VOBU of the video object units and size information VOBU\_SZ of the corresponding VOBU,

each said TM\_ENT includes numeral information VOBU\_ENTN on a corresponding video object unit entry VOBU\_ENT of the video object unit entries, and

~~said M\_AVFI includes general information containing number information of the M\_VOBI\_SRPs.~~

said control information includes a still picture AV file information table S\_AVFIT describing information on a still picture AV file, a text data manager TXTDT\_MG for managing text data, and a manufacturer's information table MNFIT relating to manufacturer's information,

said control information further includes original program chain information ORG\_PGC representing an original program chain ORG\_PGC and a user defined program chain information table UD\_PGCIT containing user defined program chain information UD\_PGCI representing a user defined program chain UD\_PGC, said ORG\_PGCI or said UD\_PGCI representing a presentation sequence of cells, and

said control information describes the movie AV file information table M\_AVFIT, the still picture AV file information table S\_AVFIT, the original program chain information ORG\_PGCI, the user defined program chain information table UD\_PGCIT, the text data manager TXTDT\_MG, and the manufacturer's information table MNFIT in this order.

34 (Currently Amended). A recording method for recording information on an information storage medium on which a track is formed, said track being configured to have data recorded thereon and data reproduced therefrom by an information recording/reproducing apparatus, said data including VOB data representing video object data or still picture video object data, and control information, the information storage medium comprising

a data area storing a plurality of ECC blocks including the VOB data, said VOB data being configured to have at least one of video object units wherein a predetermined number of sectors form each of the ECC blocks, each of the sectors has a predetermined size, and the predetermined number of said sectors relates to an ECC block address, and

a control information recording area storing the control information, the control information being configured to control or manage the VOB data and including movie file information table M\_AVFIT having a first area configured to store movie VOB stream information M\_VOB\_STI and a second area configured to store movie AV file information M\_AVFI describing information on said data area for the VOB data, said M\_AVFI including ~~one or more~~ a movie VOB information search pointers ~~M\_VOBI\_SRPs~~ pointer M\_VOBI\_SRPs associated with ~~one or more~~ pieces of movie VOB information M\_VOBI, wherein

~~each~~ said M\_VOBI includes time map information TMAPI including time map general information TMAP\_GI, one or more time entries TM\_ENTs, and one or more video object unit entries VOBU\_ENTs,

said M\_VOBI includes the time map general information TMAP\_GI containing number information VOBU\_ENT\_Ns describing a number of the one or more said VOBU\_ENTs,

each said VOBU\_ENT includes playback time information VOBU\_PB\_TM of a corresponding video object unit VOBU of the video object units and size information VOBU\_SZ of the corresponding VOBU,

each said TM\_ENT includes numeral information VOBU\_ENTN on a corresponding video object unit entry VOBU\_ENT of the video object unit entries, and

~~said M\_AVFI includes general information containing number information of the M\_VOBI\_SRPs,~~

said control information includes a still picture AV file information table S\_AVFIT  
describing information on a still picture AV file, a text data manager TXTDT\_MG for  
managing text data, and a manufacturer's information table MNFIT relating to  
manufacturer's information,

said control information further includes original program chain information  
ORG\_PGCI representing an original program chain ORG\_PGC and a user defined program  
chain information table UD\_PGCIT containing user defined program chain information  
UD\_PGCI representing a user defined program chain UD\_PGC, said ORG\_PGCI or said  
UD\_PGCI representing a presentation sequence of cells, and

said control information describes the movie AV file information table M\_AVFIT, the  
still picture AV file information table S\_AVFIT, the original program chain information  
ORG\_PGCI, the user defined program chain information table UD\_PGCIT, the text data  
manager TXTDT\_MG, and the manufacturer's information table MNFIT in this order,

    said method comprising:

        generating the VOB data,

        recording the generated VOB data in said data area,

        generating the control information, and

recording the generated control information in said control information recording area.

35 (Currently Amended). A reproducing method for reproducing information from an information storage medium on which a track is formed, said track being configured to have data recorded thereon and data reproduced therefrom by an information recording/reproducing apparatus, said data including VOB data representing video object data or still picture video object data, and control information, the information storage medium comprising

a data area storing a plurality of ECC blocks including the VOB data, said VOB data being configured to have at least one of video object units wherein a predetermined number of sectors form each of the ECC blocks, each of the sectors has a predetermined size, and the predetermined number of said sectors relates to an ECC block address, and

a control information recording area storing the control information, the control information being configured to control or manage the VOB data and including movie file information table M\_AVFIT having a first area configured to store movie VOB stream information M\_VOB\_STI and a second area configured to store movie AV file information M\_AVFI describing information on said data area for the VOB data, said M\_AVFI including ~~one or more~~ a movie VOB information search pointers M\_VOBI\_SRPs pointer M\_VOBI\_SRP associated with ~~one or more~~ pieces of movie VOB information M\_VOBI, wherein

~~each~~ said M\_VOBI includes time map information TMAPI including time map general information TMAP\_GI, one or more time entries TM\_ENTs, and one or more video object unit entries VOBU\_ENTs,

said M\_VOBI includes the time map general information TMAP\_GI containing number information VOBU\_ENT\_Ns describing a number of the one or more said VOBU\_ENTs,

each said VOBU\_ENT includes playback time information VOBU\_PB\_TM of a corresponding video object unit VOBU of the video object units and size information VOBU\_SZ of the corresponding VOBU,

each said TM\_ENT includes numeral information VOBU\_ENTN on a corresponding video object unit entry VOBU\_ENT of the video object unit entries, and

said M\_AVFI includes general information containing number information of the M\_VOBI\_SRPs,

said control information includes a still picture AV file information table S\_AVFIT describing information on a still picture AV file, a text data manager TXTDT\_MG for managing text data, and a manufacturer's information table MNFIT relating to manufacturer's information,

said control information further includes original program chain information ORG\_PGCI representing an original program chain ORG\_PGC and a user defined program chain information table UD\_PGCIT containing user defined program chain information UD\_PGCI representing a user defined program chain UD\_PGC, said ORG\_PGCI or said UD\_PGCI representing a presentation sequence of cells, and

said control information describes the movie AV file information table M\_AVFIT, the still picture AV file information table S\_AVFIT, the original program chain information ORG\_PGCI, the user defined program chain information table UD\_PGCIT, the text data manager TXTDT\_MG, and the manufacturer's information table MNFIT in this order,

said method comprising:

reproducing the control information from said control information recording area, and

reproducing the VOB data from said data area based on the reproduced control

information.